

**What is claim d is:**

1. A washing machine comprising:

a tub disposed inside a cabinet, for storing water;

a drum rotatably disposed inside the tub, for washing laundry; and

5 a steam generating apparatus disposed at the cabinet, for generating steam supplied to the inside of the drum, by using high-frequency induction heating.

2. The washing machine of claim 1, wherein the steam generating

10 apparatus comprises:

a housing having a water supply pipe through which water is supplied, and a steam discharge pipe through which steam is discharged;

a coil disposed at an outer circumferential surface of the housing, for generating a high-frequency magnetic field; and

15 a heating material disposed inside the housing to generate heat, for generating steam supplied into the housing , by the high- frequency magnetic field generated from the coil.

3. The washing machine of claim 2, wherein the steam discharge

20 pipe of the housing is connected with a spray nozzle by a steam supply line so that the steam generated from the housing is sprayed into the drum through the spray nozzle.

4. The washing machine of claim 2, wherein a fan is installed at one

25 side of the steam supply line, for increasing spray pressure of the spray nozzle.

5. The washing machine of claim 2, wherein the coil is wound on the outer circumferential surface of the housing, and is electrically connected with an inverter applied a high-frequency current.